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SOURCE Periodical and newspapers as indicated.

CZECHOSLOVAK CHEMICAL INDUSTRY STEPS UP OUTPUT

CHEMICAL OUTPUT TO RISE IN FIVE YEAR PLAN -- Dusseldorf, Chemische Industrie, Aug 50

According to a publication of the Czechoslovak Ministry of Information, the production of several important chemical products is to attain the following level in 1953:

Product	Output in 1953 (tons)
Nitrogenous fertilizers	42,900
Phosphorous fertilizers	68,000
Pharmaceutical bases	309
Rayon	11,000
Soap	53,000
Cellulose	320,000
Paper	320,000

The output of the alcohol industry is to increase by 6 percent over the 1948 level, and coke production is to rise to 8 million tons.

INCREASES PENICILLIN PRODUCTION -- Warsaw, Zycie Gospodarcze, 1 Dec 49

Czechoslovakia has recently started production of penicillin having very high therapeutic qualities. The Czech product is reported to be not only equal but even superior to American-made penicillin.

Czechoslovakia first started to produce the amorini-type penicillin but soon switched to crystal penicillin since the latter resists temperature changes better. Unlike the former type of penicillin, injections of crystal penicillin can be administered at greater time intervals than every 3 hours.

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The Czech product contains a negligible amount of penicillin K, which foreign products have in quite a large percentage.

It is reported that penicillin production in November 1949 will be sufficient to eliminate all foreign imports. It will increase threefold during the next months.

DISCOVER NEW PHARMACEUTICAL -- Stockholm, Svenska Dagbladet, 22 Dec 50

Prague, 21 December -- Prof Frantisek Sorm of the University of Prague, with a group of other Czechoslovakian scientists, has succeeded in producing a new pharmaceutical, called chloramphenicol, which has the same properties as chloromycetin. It is produced from substances all of which are found in Czechoslovakia. The new medicine can be used in the treatment of typhus, intestinal infections in children, dysentery, and neurological disorders. Furthermore, it has proved valuable in the treatment of a number of virus sicknesses for which no medicines had been known.

DEVELOP NEW SYNTHETIC -- Stockholm, Dagens Nyheter, 29 Dec 50

A new synthetic made from limestone and coke has been developed in Czechoslovakia. It can be used for the production of tubing and phonograph records, and it is considered only a matter of time before stockings, curtains, and handkerchiefs, etc., will be produced from the new substance. It goes under the trade name Novodur, but it may be designated scientifically as a "polyvinyl chloride?"

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